

The diagram illustrates a system 101. It includes an **INFORMATION INPUT TERMINAL** on the left, which has a display (113), a control panel (114), a printer (117), and a receipt output (116). A small rectangular component (115) is connected to the terminal. In the center is a **SERVER** represented by a cylinder (121). On the right is a **CASH REGISTER** (131) with a display (136A) and a receipt printer (136). A peripheral device (133) is connected to the cash register. All three main components (terminal, server, and cash register) are interconnected by a network line.

FIG. 1

05142 0300

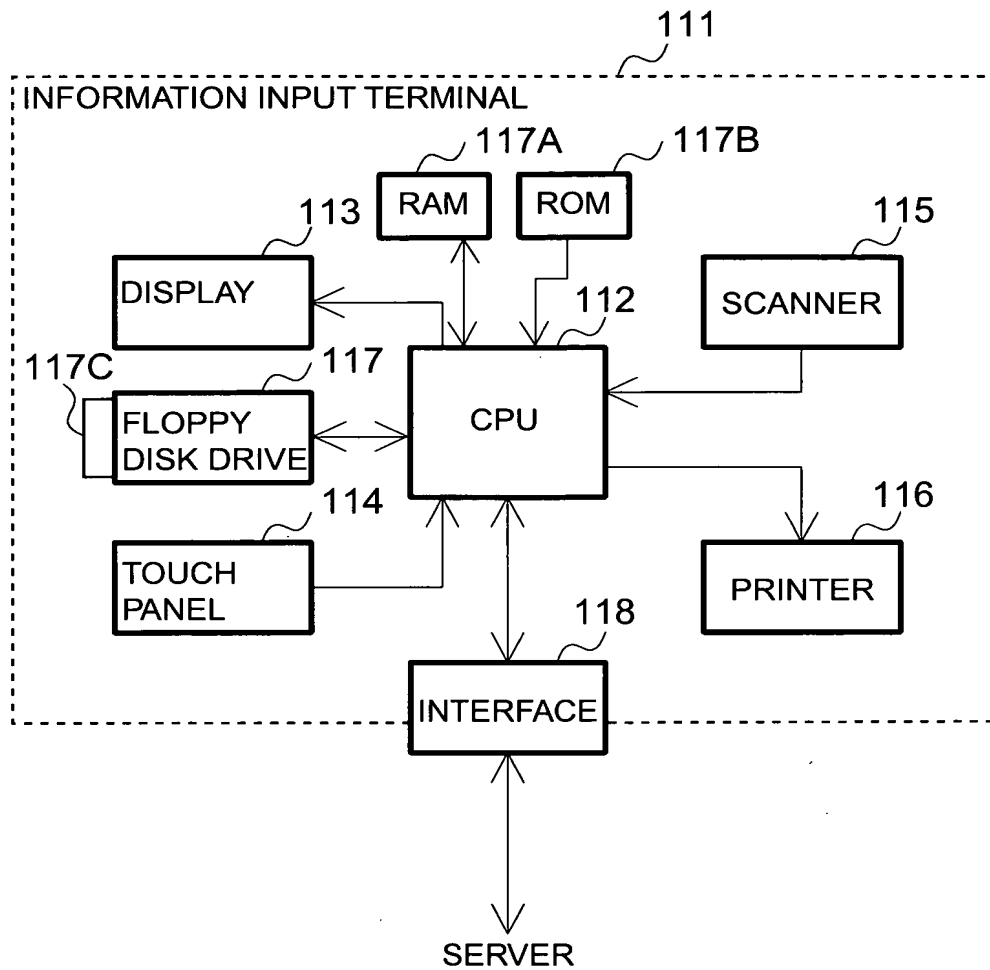


FIG. 2

008050" 2442550

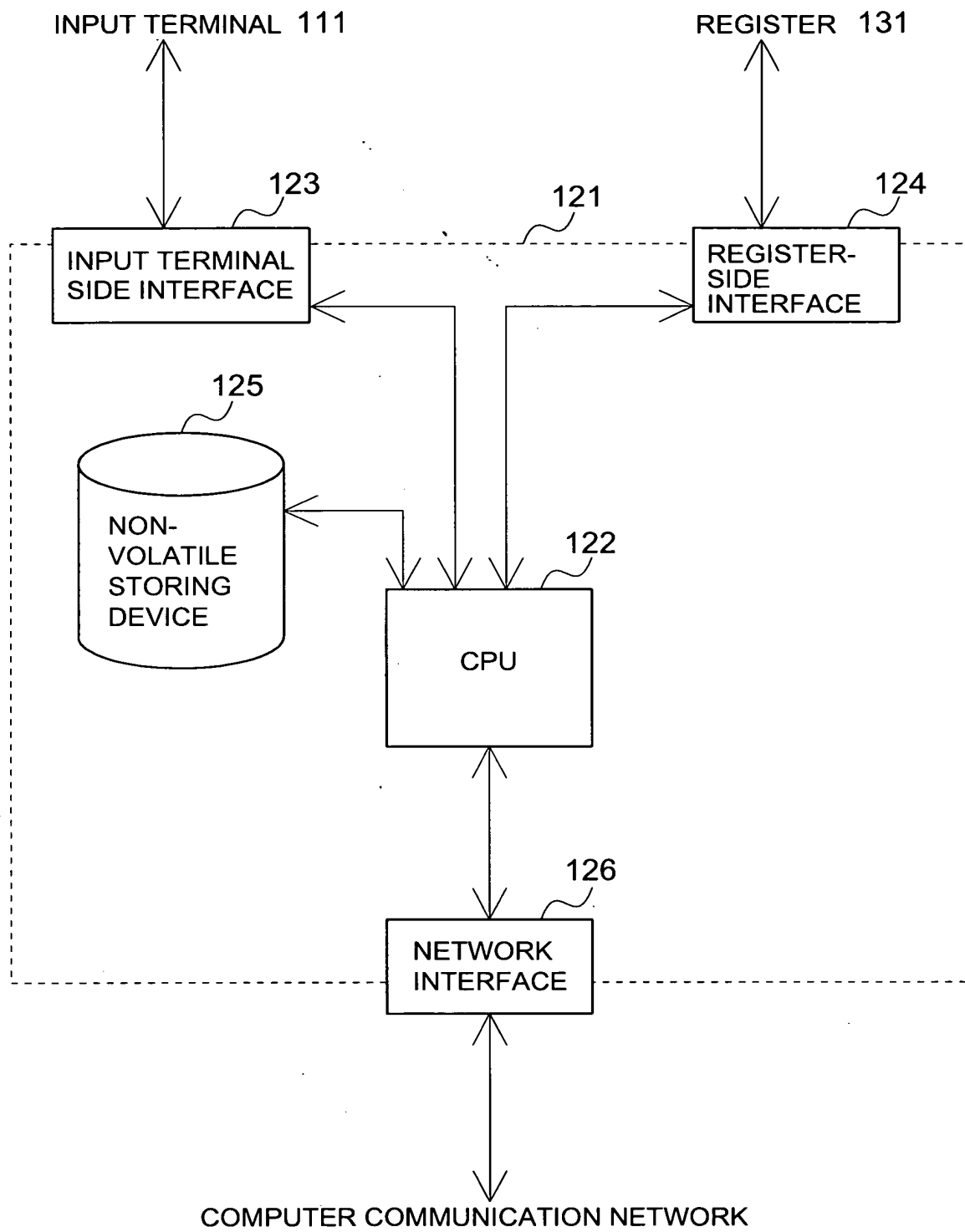


FIG. 3

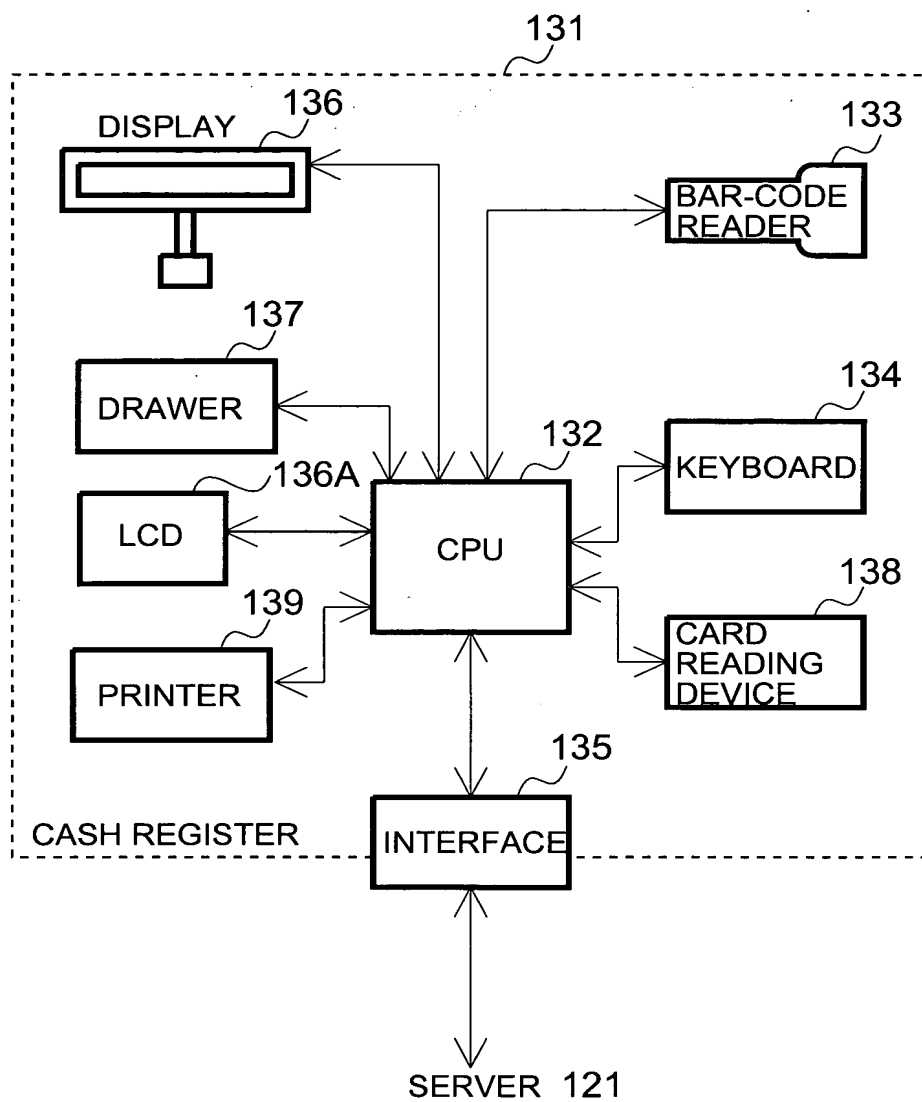


FIG. 4

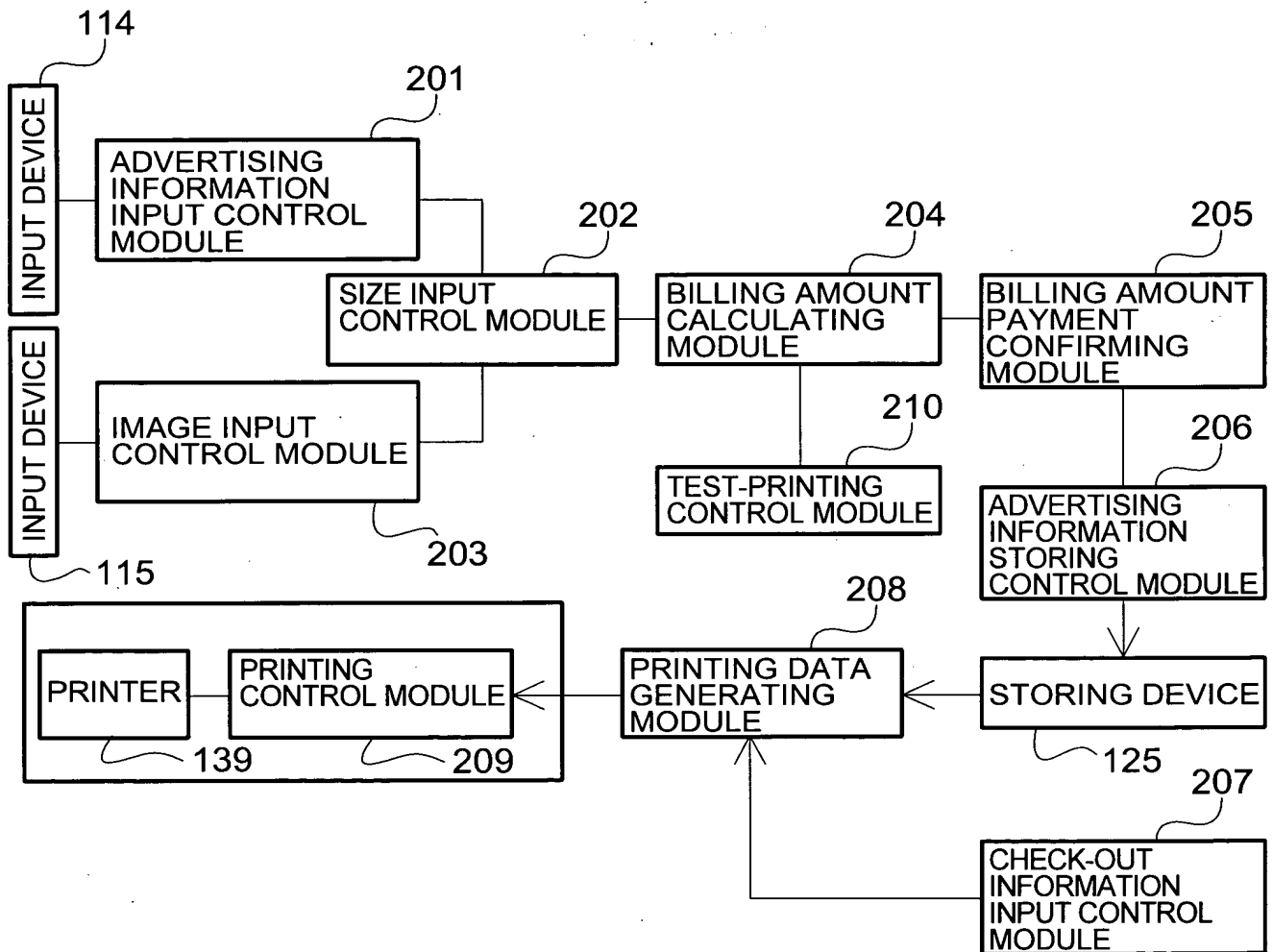


FIG. 5

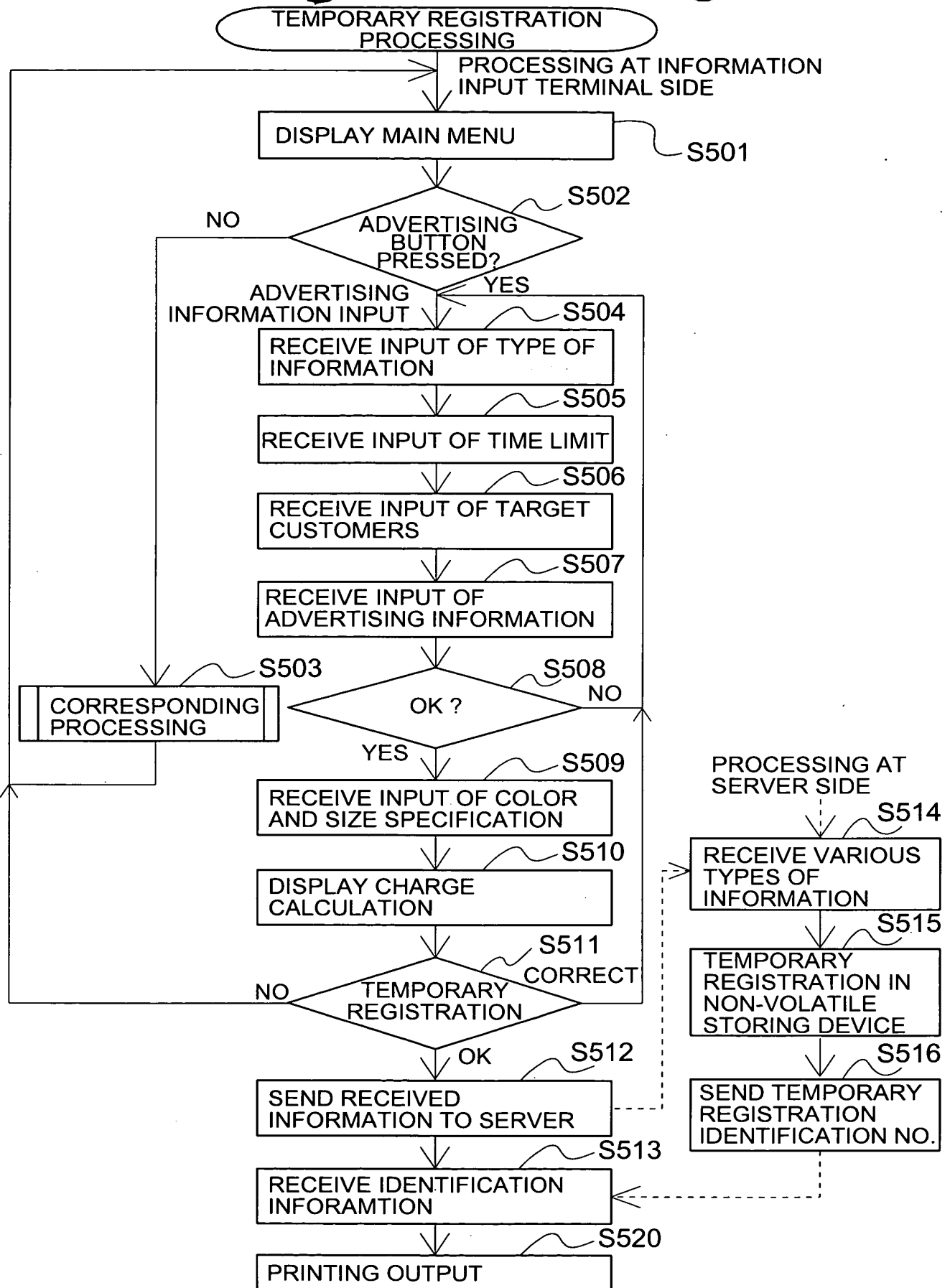


FIG. 6

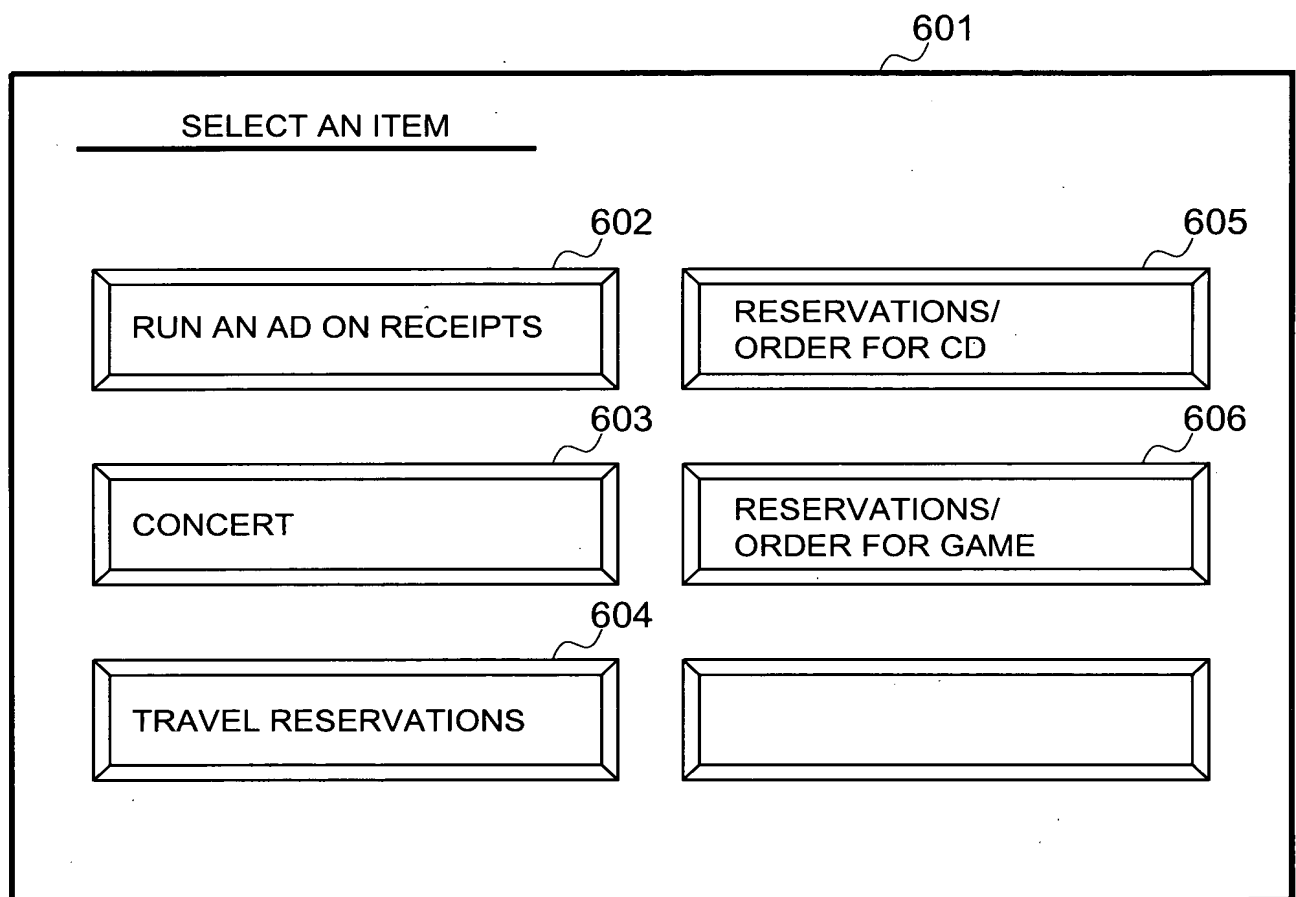


FIG. 7

000000" 2472560

701

INPUT THE TYPE OF AD. WHEN COMPLETED, PRESS "NEXT".

702

SCHOOL EVENT

704

SEMINAR

703

BAZAAR

705

OTHER

BACK NEXT

FIG. 8

0095060" 247560

801

INPUT THE EXPIRATION DATE. WHEN COMPLETED, PRESS "NEXT" .

THROUGH

802 1 9 9 9 YEAR

803 1 805 MONTH

804 _____ DAY

1	2	3	CLEAR ONE CHARACTER
4	5	6	SPACE
7	8	9	
	0		

806

BACK

NEXT

FIG. 9

FIG. 10

1001

INPUT THE INFORMATION TO ADVERTISE. WHEN COMPLETED, PRESS "NEXT".
 1002

THERE WILL BE A BAZAAR AT THE GYM OF THE CHIYODA ELEMENTARY SCHOOL ON MARCH 13, FROM 10 AM.
PLEASE PAR █

1003

1	2	3	4	5	6	7	8	9	0	-	ALPHA- NUMERIC	CLEAR ONE CHARACTER	1004
Q	W	E	R	T	Y	U	I	O	P	@	KATA KANA	SPACE	
A	S	D	F	G	H	J	K	L	;	:	LINE FEED	REDUCE	
Z	X	C	V	B	N	M	,	.	/	\	CONVERT	DO NOT CONVERT	

USE SCANNER

FONT SIZE

14

▲

▼

pt

1006

BACK

NEXT

FIG. 11

1101

IS THE FOLLOWING OK? IF SO, PRESS "YES" . 1102

TYPE	BAZAAR	1103
EXPIRATION DATE	MARCH 13, 1999	1104
SPECIFIED CONDITIONS	10'S - 40'S, 50 AND OVER, ALL GENDER AND OCCUPATION GROUPS	1105
ADVERTISING INFORMATION	THERE WILL BE A BAZAAR AT THE GYM OF THE CHIYODA ELEMENTARY SCHOOL ON MARCH 13, 1999, FROM 10 AM. PLEASE PARTICIPATE.	

IMAGE

NONE

1105

1106

1106B

NO

YES

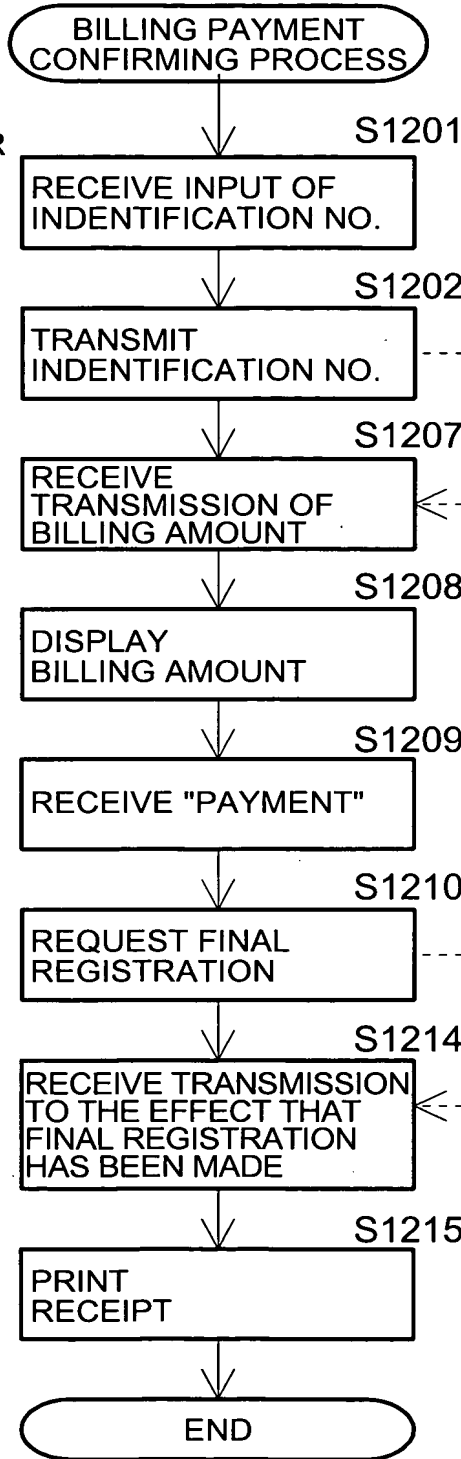
FIG. 12

FIG. 13

00521472-030800

PROCESSING

AT
THE
CASH
REGISTER
SIDE



PROCESSING
AT THE
SERVER SIDE

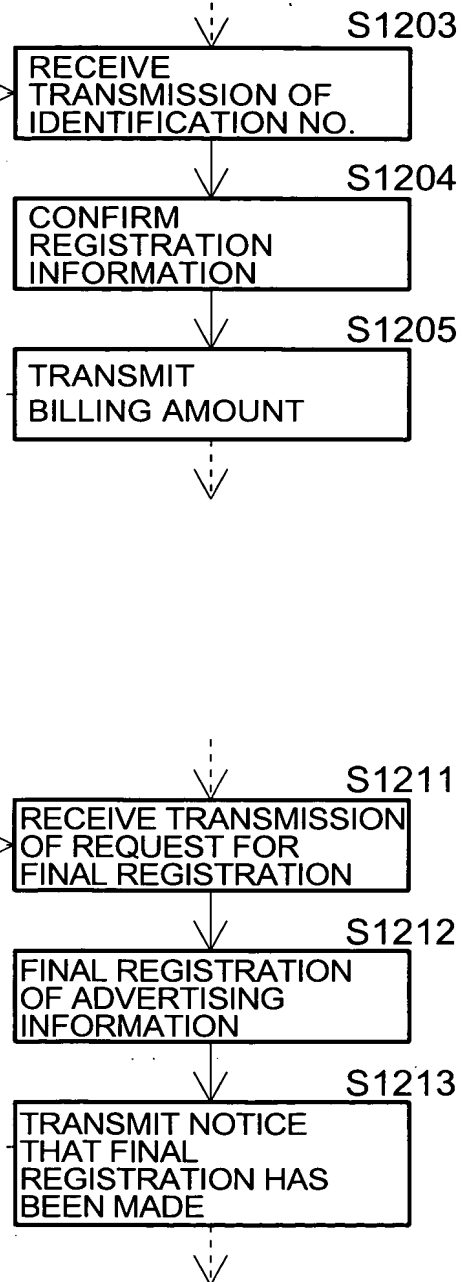


FIG. 14

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graph TD
    subgraph "PROCESSING AT CASH REGISTER SIDE"
        S1301([CHECK-OUT PROCESSING]) --> S1302[RECEIVE CUSTOMER INFORMATION]
        S1302 --> S1303[RECEIVE PRODUCT IDENTIFICATION INFORMATION AND NUMBER]
        S1303 --> S1307[TRANSMIT PRODUCT IDENTIFICATION INFORMATION]
        S1307 --> S1308[RECEIVE TRANSMISSION OF PRICE OF PRODUCT]
        S1308 --> S1309[DISPLAY PRODUCT PRICE AND NUMBER]
        S1309 --> S1309{INPUT COMPLETED?}
        S1309 -- No --> S1302
        S1309 -- Yes --> S1310[TRANSMIT CUSTOMER INFORMATION]
        S1310 --> S1315[RECEIVE TRANSMISSION OF ADVERTISING INFORMATION]
        S1315 --> S1316[GENERATE CHECK-OUT INFORMATION]
        S1316 --> S1317[GENERATE PRINTING DATA]
        S1317 --> S1318[TRANSMIT TO PRINTER]
        S1318 --> S1319[PRINT AS A RECEIPT]
        S1319 --> S1320([END])
    end

    subgraph "PROCESSING AT SIDE OF SERVER"
        S1304[RECEIVE TRANSMISSION OF PRODUCT IDENTIFICATION INFORMATION] --> S1305[FIND PRICE OF PRODUCT]
        S1305 --> S1306[TRANSMIT PRICE OF PRODUCT]
        S1306 --> S1307
        S1311[RECEIVE TRANSMISSION OF CUSTOMER INFORMATION] --> S1312[FIND SPECIFIED CONDITIONS SATISFIED]
        S1312 --> S1313[OBTAIN ADVERTISING INFORMATION]
        S1313 --> S1314[TRANSMIT ADVERTISING INFORMATION]
        S1314 --> S1315
    end

    S1307 -.-> S1304
    S1306 -.-> S1308
    S1310 -.-> S1311
    S1314 -.-> S1315

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FIG. 15

008000" 2472560

1401

CONVENIENCE STORE MARUI SHOTEN

PHONE 03-3769-0466

14:20, MARCH 1, 1999

1402

NOTICE OF UPCOMIG BAZAAR

THERE WILL BE A BAZAAR AT
THE GYM OF THE CHIYODA
ELEMENTARY SCHOOL ON
MARCH 13, FROM 10 AM.
PLEASE PARTICIPATE.

1403

J9001 BREAD	x 1 @150	¥150
J8254 ERASER	x 1 @50	¥50
J2304 CUP NOODLES	x 2 @110	¥220
SUBTOTAL		¥420
CONSUMPTION TAX		¥21
TOTAL		¥441
RECEIVED		¥1,000
CHANGE		¥5 5 6

THANK YOU

FIG. 16